

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am an original, first and JOINT inventor of the subject matter which is claimed and for which a patent is sought by patent application filed on the invention entitled:

DISTRIBUTED MODULAR INPUT/OUTPUT SYSTEM WITH WIRELESS BACKPLANE EXTENDER

said patent application having been made by **PCT international patent application no. PCT/US2004/038334** designating the United States of America and other countries and having an **international filing date of November 16, 2004 (11/16/2004)** (and amended on _____ if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to the patentability of this application in accordance with Title 37, code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

(Number)

(Country)

(Filing Date)

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

Prior Provisional U.S. Patent Application(s):

60/520,849
(Application Serial No.)

November 17, 2003
(Filing Date)

I hereby claim the benefit under Title 35, United States, Section 120 of any United States application(s) or any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information which is material to patentability as defined in Title 37, of Federal Regulations Code, Section 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s) or PCT Application(s) Designating the United States:

(Application Serial No.)

(Filing Date)

(Status)

POWER OF ATTORNEY: As a named inventor, I hereby appoint:

John M. Miller (Reg. No. 38,560); Alexander M. Gerasimow (Reg. No. 28,610); William R. Walbrun (Reg. No. 37,464); R. Scott Speroff (Reg. No. 37,450) ;
Steven M. Haas (Reg. No. 37,841)

to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

ADDRESS ALL CORRESPONDENCE TO:
Rockwell Automation, Inc.
Attention: Susan M. Donahue
1201 South Second Street
Milwaukee WI 53204

DIRECT TELEPHONE CALLS TO:
(name and telephone number)

Susan M. Donahue (414)382-4463

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of

the United States code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of FIRST JOINT inventor: Gregg M. Sichner

Inventor's Signature: _____ **Date:** _____
Gregg M. Sichner

Residence and Post Office Address: 7860 Kellogg Creek Drive
Mentor, Ohio 44060
U.S.A.

Citizenship: United States of America

Full name of SECOND JOINT inventor: Robert J. Kretschmann

Inventor's Signature: _____ **Date:** _____
Robert J. Kretschmann

**Residence and Post Office Address: 28915 Osborn Road
Bay Village, Ohio 44140
U.S.A.**

Citizenship: United States of America

Full name of THIRD JOINT inventor: Jonathan R. Engdahl

Inventor's Signature:  Date: 2/24/05
Jonathan R. Engdahl

Residence and Post Office Address: 11296 Brookside Road
Chardon, Ohio 44024
U.S.A.

Citizenship: United States of America

Full name of FOURTH JOINT inventor: Ram Pai

Inventor's Signature: _____ **Date:** _____
Ram Pai

Residence and Post Office Address: 4253 Lake Meadow Drive
Racine, Wisconsin 53402
U.S.A.

Citizenship: United States of America

Full name of FIFTH JOINT inventor: Jianguo Zhuang

Inventor's Signature: _____ **Date:** _____
Jianguo Zhuang

Residence and Post Office Address: Apartment 501, Building 1
123 Gui Ping Road
200233 Shanghai
People's Republic of China

Citizenship: People's Republic of China

Full name of SIXTH JOINT inventor: Qing Jia

Inventor's Signature: _____ **Date:** _____
Qing Jia

Residence and Post Office Address: Room 403
Innovation Center Building
No. 680, Gui Ping Road
200233 Shanghai
People's Republic of China

Citizenship: People's Republic of China

Full name of SEVENTH JOINT inventor: David D. Brandt

Inventor's Signature: _____ **Date:** _____
David D. Brandt

Residence and Post Office Address: 3271 South 54th Street
Milwaukee, Wisconsin 53219
U.S.A.

Citizenship: United States of America

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am an original, first and JOINT inventor of the subject matter which is claimed and for which a patent is sought by patent application filed on the invention entitled:

DISTRIBUTED MODULAR INPUT/OUTPUT SYSTEM WITH WIRELESS BACKPLANE EXTENDER

said patent application having been made by **PCT international patent application no. PCT/US2004/038334** designating the United States of America and other countries and having an **international filing date of November 16, 2004 (11/16/2004)** (and amended on _____ if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to the patentability of this application in accordance with Title 37, code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

<u>(Number)</u>	<u>(Country)</u>	<u>(Filing Date)</u>
-----------------	------------------	----------------------

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

Prior Provisional U.S. Patent Application(s):

60/520,849
(Application Serial No.)

November 17, 2003
(Filing Date)

I hereby claim the benefit under Title 35, United States, Section 120 of any United States application(s) or any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information which is material to patentability as defined in Title 37, of Federal Regulations Code, Section 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s) or PCT Application(s) Designating the United States:

(Application Serial No.)

(Filing Date)

(Status)

POWER OF ATTORNEY: As a named inventor, I hereby appoint:

John M. Miller (Reg. No. 38,560); Alexander M. Gerasimow (Reg. No. 28,610); William R. Walbrun (Reg. No. 37,464); R. Scott Speroff (Reg. No. 37,450) ;
Steven M. Haas (Reg. No. 37,841)

to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

ADDRESS ALL CORRESPONDENCE TO:
Rockwell Automation, Inc.
Attention: Susan M. Donahue
1201 South Second Street
Milwaukee WI 53204

DIRECT TELEPHONE CALLS TO:
(name and telephone number)

Susan M. Donahue (414)382-4463

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of

the United States code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of FIRST JOINT inventor: Gregg M. Sichner

Inventor's Signature:  **Date:** 2/7/05
Gregg M. Sichner

**Residence and Post Office Address: 7860 Kellogg Creek Drive
Mentor, Ohio 44060
U.S.A.**

Citizenship: United States of America

Full name of SECOND JOINT inventor: Robert J. Kretschmann

Inventor's Signature: Robert J. Kretschmann Date: 31 January 2005
Robert J. Kretschmann

Residence and Post Office Address: 28915 Osborn Road
Bay Village, Ohio 44140
U.S.A.

Citizenship: United States of America

Full name of THIRD JOINT inventor: Jonathan R. Engdahl

Inventor's Signature: _____ Date: _____
Jonathan R. Engdahl

Residence and Post Office Address: 11296 Brookside Road
Chardon, Ohio 44024
U.S.A.

Citizenship: United States of America

*

Full name of FOURTH JOINT inventor: Ram Pai

Inventor's Signature: _____ Date: _____
Ram Pai

Residence and Post Office Address: 4253 Lake Meadow Drive
Racine, Wisconsin 53402
U.S.A.

Citizenship: United States of America

*

Full name of FIFTH JOINT inventor: Jianguo Zhuang

Inventor's Signature: _____ **Date:** _____
Jianguo Zhuang

Residence and Post Office Address: Apartment 501, Building 1
123 Gui Ping Road
200233 Shanghai
People's Republic of China

Citizenship: People's Republic of China

Full name of SIXTH JOINT inventor: Qing Jia

Inventor's Signature: _____ **Date:** _____
Qing Jia

Residence and Post Office Address: Room 403
Innovation Center Building
No. 680, Gui Ping Road
200233 Shanghai
People's Republic of China

Citizenship: People's Republic of China

Full name of SEVENTH JOINT inventor: David D. Brandt

Inventor's Signature: _____ Date: _____
David D. Brandt

Residence and Post Office Address: 3271 South 54th Street
Milwaukee, Wisconsin 53219
U.S.A.

Citizenship: United States of America

*

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am an original, first and JOINT inventor of the subject matter which is claimed and for which a patent is sought by patent application filed on the invention entitled:

DISTRIBUTED MODULAR INPUT/OUTPUT SYSTEM WITH WIRELESS BACKPLANE EXTENDER

said patent application having been made by **PCT international patent application no. PCT/US2004/038334** designating the United States of America and other countries and having an **international filing date of November 16, 2004 (11/16/2004)** (and amended on _____ if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to the patentability of this application in accordance with Title 37, code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

(Number)

(Country)

(Filing Date)

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

Prior Provisional U.S. Patent Application(s):

60/520,849
(Application Serial No.)

November 17, 2003
(Filing Date)

I hereby claim the benefit under Title 35, United States, Section 120 of any United States application(s) or any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information which is material to patentability as defined in Title 37, of Federal Regulations Code, Section 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s) or PCT Application(s) Designating the United States:

(Application Serial No.)

(Filing Date)

(Status)

POWER OF ATTORNEY: As a named inventor, I hereby appoint:

John M. Miller (Reg. No. 38,560); Alexander M. Gerasimow (Reg. No. 28,610); William R. Walbrun (Reg. No. 37,464); R. Scott Speroff (Reg. No. 37,450); Steven M. Haas (Reg. No. 37,841)

to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

ADDRESS ALL CORRESPONDENCE TO:
Rockwell Automation, Inc.
Attention: Susan M. Donahue
1201 South Second Street
Milwaukee WI 53204

DIRECT TELEPHONE CALLS TO:
(name and telephone number)

Susan M. Donahue (414)382-4463

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of

the United States code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of FIRST JOINT inventor: Gregg M. Sichner

Inventor's Signature: _____ Date: _____

Gregg M. Sichner

**Residence and Post Office Address: 7860 Kellogg Creek Drive
Mentor, Ohio 44060
U.S.A.**

Citizenship: United States of America

Full name of SECOND JOINT inventor: Robert J. Kretschmann

Inventor's Signature: _____ **Date:** _____
Robert J. Kretschmann

**Residence and Post Office Address: 28915 Osborn Road
Bay Village, Ohio 44140
U.S.A.**

Citizenship: United States of America


Full name of THIRD JOINT inventor: Jonathan R. Engdahl

Inventor's Signature: _____ **Date:** _____
Jonathan R. Engdahl

Residence and Post Office Address: 11296 Brookside Road
Chardon, Ohio 44024
U.S.A.

Citizenship: United States of America

Full name of FOURTH JOINT inventor: Ram Pai

Inventor's Signature:  **Date:** Jan 27, 2005
Ram Pai

Residence and Post Office Address: 4253 Lake Meadow Drive
Racine, Wisconsin 53402
U.S.A.

Citizenship: United States of America

Full name of FIFTH JOINT inventor: Jianguo Zhuang

Inventor's Signature: _____ **Date:** _____
Jianguo Zhuang

Residence and Post Office Address: Apartment 501, Building 1
123 Gui Ping Road
200233 Shanghai
People's Republic of China

Citizenship: People's Republic of China

Full name of SIXTH JOINT inventor: Qing Jia

Inventor's Signature: _____ **Date:** _____
Qing Jia

Residence and Post Office Address: Room 403
Innovation Center Building
No. 680, Gui Ping Road
200233 Shanghai
People's Republic of China

Citizenship: People's Republic of China

*****.

Full name of SEVENTH JOINT inventor: David D. Brandt

Inventor's Signature: David D Brandt Date: 1/27/05
David D. Brandt

Residence and Post Office Address: 3271 South 54th Street
Milwaukee, Wisconsin 53219
U.S.A.

Citizenship: United States of America

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am an original, first and JOINT inventor of the subject matter which is claimed and for which a patent is sought by patent application filed on the invention entitled:

DISTRIBUTED MODULAR INPUT/OUTPUT SYSTEM WITH WIRELESS BACKPLANE EXTENDER

said patent application having been made by **PCT international patent application no. PCT/US2004/038334** designating the United States of America and other countries and having an **international filing date of November 16, 2004 (11/16/2004)** (and amended on _____ if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to the patentability of this application in accordance with Title 37, code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

(Number)

(Country)

(Filing Date)

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

Prior Provisional U.S. Patent Application(s):

60/520,849
(Application Serial No.)

November 17, 2003
(Filing Date)

I hereby claim the benefit under Title 35, United States, Section 120 of any United States application(s) or any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information which is material to patentability as defined in Title 37, of Federal Regulations Code, Section 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s) or PCT Application(s) Designating the United States:

(Application Serial No.)

(Filing Date)

(Status)

POWER OF ATTORNEY: As a named inventor, I hereby appoint:

John M. Miller (Reg. No. 38,560); Alexander M. Gerasimow (Reg. No. 28,610); William R. Walbrun (Reg. No. 37,464); R. Scott Speroff (Reg. No. 37,450) ;
Steven M. Haas (Reg. No. 37,841)

to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

ADDRESS ALL CORRESPONDENCE TO:
Rockwell Automation, Inc.
Attention: Susan M. Donahue
1201 South Second Street
Milwaukee WI 53204

DIRECT TELEPHONE CALLS TO:
(name and telephone number)

Susan M. Donahue (414)382-4463

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of

Title 18 of the United States code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of FIRST JOINT inventor: Gregg M. Sichner

Inventor's Signature: _____ Date: _____
Gregg M. Sichner

Residence and Post Office Address: 7860 Kellogg Creek Drive
Mentor, Ohio 44060
U.S.A.

Citizenship: United States of America

*

Full name of SECOND JOINT inventor: Robert J. Kretschmann

Inventor's Signature: _____ Date: _____
Robert J. Kretschmann

Residence and Post Office Address: 28915 Osborn Road
Bay Village, Ohio 44140
U.S.A.

Citizenship: United States of America

*

Full name of THIRD JOINT inventor: Jonathan R. Engdahl

Inventor's Signature: _____ Date: _____
Jonathan R. Engdahl

Residence and Post Office Address: 11296 Brookside Road
Chardon, Ohio 44024
U.S.A.

Citizenship: United States of America

*

Full name of FOURTH JOINT inventor: Ram Pai

Inventor's Signature: _____ **Date:** _____
Ram Pai

Residence and Post Office Address: 4253 Lake Meadow Drive
Racine, Wisconsin 53402
U.S.A.

Citizenship: United States of America

*

Full name of FIFTH JOINT inventor: Jianguo Zhuang


Inventor's Signature: Jianguo Zhuang Date: Jan 31, 2005
Jianguo Zhuang

Residence and Post Office Address: Apartment 501, Building 1
123 Gui Ping Road
200233 Shanghai
People's Republic of China

Citizenship: People's Republic of China

*

Full name of SIXTH JOINT inventor: Qing Jia

Inventor's Signature:  Date: Jan. 28. 2005
Qing Jia

Residence and Post Office Address: Room 403
Innovation Center Building
No. 680, Gui Ping Road
200233 Shanghai
People's Republic of China

Citizenship: People's Republic of China

*

Full name of SEVENTH JOINT inventor: David D. Brandt

Inventor's Signature: _____ **Date:** _____
David D. Brandt

Residence and Post Office Address: 3271 South 54th Street
Milwaukee, Wisconsin 53219
U.S.A.

Citizenship: United States of America

*